

WIRE DRAG

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Form 504						
	DEPARTMENT OF COMMERCE					
U. S. COAST AND GEODETIC SURVEY						
Director						
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State: Virgin Is.	_					
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DESCRIPTIVE REPORT						
Topographie						
Hydrographic Sheet No. 4599						
WINE DROPS	=					
LOCALITY	ĺ					
St.Thomas and St.John						
Reef South of Islands						
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	-					
	$\ $					
1925	I					
CHIEF OF PARTY						
GC Mattison and CK Com	-					
G.C.Mattison and C.K.Green						

Pivision of Hydrography and Topography:

Division of Charts:

Tide reducers are approved in 3 volumes of sounding records for

HYDROGRAPHIC SHEET

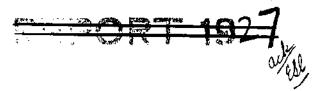
Locality: VIRGIN ISLANDS

Chief of Party: G. K. Green Flane of reference is MLW 5.5 ft. on tide staff at St. Thomas

Condition of records satisfactory except as checked below:

- 1. Locality and sublocality of survey omitted.
- 2. Month and day of month omitted. 3. Time meridian not given at beginning of day's work.
- 4. Time (whether A.M. or P.M.) not given at beginning of day's work.
- 5. Soundings (whether in feet or fathoms) not clearly shown in record.
- 6. Leadline correction entered in wrong column.
- 7. Field reductions entered in "Office" column.
- 6. Location of tide gauge not given at beginning of each day's work.
- 9. Leadline corrections not clearly stated.
- 10. Kind of sounding tube used not stated.
- 11. Sounding tube No. entored in column of "Soundings" instead of "Remarks".
- 12. Legibility of record could be improved.
- 13. Remarks.

Townsion of Jides and Currents.



DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY
E. LESTER JONES, DIRECTOR.

- VIRGIN ISLANDS

A DESCRIPTIVE REPORT to accompany

WIRE DRAG SHEET # 4. (VIRGIN ISLANDS)

1925

S.S. RANGER

C. K. Green, G.C. MATTISON, Chief of Party.

DESCRIPTIVE REPORT to accompany WIRE DRAG SHEET #4.

VIRGIN ISLANDS

The field work on this sheet was done by a shore party under the charge of Lieut. C.K. Green in March 1925, while the RANGER was in the United States undergoing repairs. The smooth plotting was done on the RANGER in 1926. The field work was done in accordance with supplemental instructions dated January 27,1925 and addressed to Lieut. Green.

The area dragged is the ridge lying south of St. John Island and just north of the one hundred fathom curve. No shoals were found with the drag. The launches MARINDIN, MINCHELL and TENDER #4 were used with standard drag equipment.

Respectfully submitted.

Mattion

STATISTICS, WIRE DRAG SHEET #4.

De. t	te	Letter	Volume	Drag Length	Positions	Miles Stat.	Sounding s
March 2	3,1925	A	1	3600	. 27	7.0	0
March 2	24,1925	В	1	4000 .	28	5,8	0
March 2	25,1925	C	1	4000	29	8.2	0
March 2	26,1925	۵ ٠	1	3600	7	_(4.2	0
11	11 11	D	1	4000	8	(
March 27,1925	\mathbf{E}	ì	4000	34	8.7	0	
					133	33.9	0

Area dragged-----18.5 square statute miles.

Tide gauge in St. Thomas Harbor.

Plane of reference, reading on gauge- 5.25 feet.

Lowest tide observed, reading on gauge- 4.9 feet.

Highest tide observed, reading onngauge-6.8 feet.

LIST OF TRIANGULATION SIGNALS

Pete	
No rman	
Minnahill	
Ram	
Camel	
Dog	
Thatch	
Тор	On Frenchman's Cap.
Book ·	٠.
East	
Saba	
Sail	
Rend.	

	LIST	OF	TOPOGRAPHIC	SIGNALS.	_
Head					
*: -	LIST	OF	HYDROGRAPHI	C SICNALS.	
Flan				Transferred from hydro- graphic sheet #2.	

IN REPLY ADDRESS THE DIRECTOR
U, S. COAST AND GEODETIC SURVEY
AND NOT THE SIGNER OF THIS LETTER

AND REFER TO No. 11-DRM

DEPARTMENT OF COMMERCE

U. S. COAST AND GEODETIC SURVEY

WASHINGTON

June 19, 1928.

SECTION OF FIELD RECORDS

Report on Wire Drag Sheet No. 4599

Reef South of St. Thomas and St. John

Surveyed in 1925

Instructions dated January 27, 1925 (C. K. Green)

Chiefs of Party, G. C. Mattison, C. K. Green.

Surveyed by C. K. G., A. Ogram.

Protracted and inked by W. R. Porter.

Verified and Area and Depth Sheet by A. L. Shalowitz.

- 1. This survey was an examination of the coral reef lying about seven miles south of St. Thomas and St. John.
- 2. The records conform to the General Instructions for drag work.
- 3. The work conforms to the requirements of the specific instructions as to depth. The hydrographic sheet covering this same area has not yet been verified, so the consideration as to whether the survey covers the reef or not will be deferred until that sheet is completed.
- 4. No groundings occurred in this examination.
- 5. The junction with W. D. $4743^{\frac{b}{2}}$ will be taken up when that sheet is reviewed.
- 6. The usual field plotting was done by the field party. The work was generally good. Some errors were found in the protracting. In all cases where the field plotting leaned to the side of safety no corrections were made.
- 7. Character and scope of field operations excellent. Field drafting very good.
- 8. Reviewed by A. L. Shalowitz, May, 1928. Approved:

Chief, Section of Field Records (Charts)

DEPARTMENT OF COMMERCE

U. S. COAST AND GEODETIC SURVEY

HYDROGRAPHIC TITLE SHEET

WIRE DRAG SHEET #4

The finished Hydrographic Sheet is to be accompanied by the following title sheet, filled in as completely as possible, when the sheet is forwarded to the Office.

U. S. Coast and Geodetic Survey. Register No. 4599 General locality . . St. Thomas and St. John . Islands Date of survey . . March 1925 Plane of reference . . M.T.L. -0.5 ft. Protracted by . W.R.Popos. Soundings in pencil by ******* . Inked by WaRaPa . . Verified by Records accompanying sheet (check those forwarded): Des. report, ____ Tide books, ____Marigrams, _1 Boat sheets, 2 Sounding books, 2 Wire-drag books, ____ Photographs. Hydrographic sheet #4

Remarks:

4599